

Joint working between NHS Blood and Transplant and Public Health England

Infection in Blood Donors, UK 2019

(HEV in Blood Donors Shown Separately)

42 million UK population
(17-66 years)

General population

51% HIV cases & 75% syphilis cases reported sex between men

90% of HCV infection in people who inject drugs

1 million donors

Donor selection deferrals reduce the number of new infections that testing might miss

High risk partner

3 months

Ever

1.8 million donations

***206 positive discarded**
*1 dual infection

Donation screening for 6 infections

Very new infections may not be detected

2019 numbers (bold) compared to 2018 numbers (in brackets)

	HBV	HCV	HIV	Syphilis	HTLV
All infection	50 (59)	39 (30)	12 (7)	103 (77)	3 (7)
New infection within 12m	2 (7)	0 (1)	2 (3)	40 (29)	0 (0)

Low number positive due to donor selection

New infections indicate current risky behaviour

Most donors with new infections appeared to comply with donor selection criteria

Work is progressing to scope a more individualised donor selection policy

No deferral applied

No information

No new HBV or HIV infection in men who have sex with men
No new HCV infection

High risk partner, timing unclear

No deferral applied

Syphilis is increasing in population and donors. No recent UK transfusion transmissions due to cold storage, but useful to monitor behaviour and compliance

1 non compliant
6 deferral expired

1 no information

32 no deferral applied

12

20